

Converting Colors

XYZ(28.1729, 36.0669, 28.9674)

Have a look what the booklet for
XYZ(28.1729, 36.0669, 28.9674)
contains.

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Color

**XYZ(28.3610, 36.2825,
29.1753)**

Conversions

Conversions Part 1

Format	Color
Hex	80AD89
RGB	128, 173, 137
RGB Percent	50%, 68%, 54%
CMY	0.4980, 0.3216, 0.4627
CMYK	0.26, 0.00, 0.21, 0.32
HSL	132°, 22%, 59%
HSV	132°, 26%, 68%
XYZ	28.3610, 36.2825, 29.1753
YIQ	155.4410, -15.2640, -20.7360

Conversions

Conversions Part 2

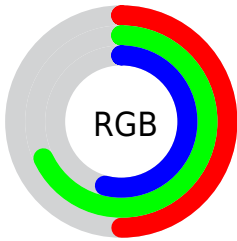
Format	Color
RYB	128, 166, 173
Decimal	8433033
CIELab	66.74, -22.50, 13.71
CIElCh	67, 26.348, 148.648
Yxy	36.2825, 0.3023, 0.3867
Android (android.graphics.Color)	4286623113 (0xFF80AD89)
YUV	155.4410, -9.0914, -24.0658
Hunter-Lab	60.2350, -21.3663, 13.4469

Details

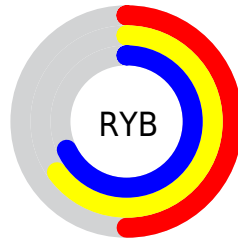
The XYZ color **28.3610, 36.2825, 29.1753** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.6548, 27.0037, 38.6674**, and the grayscale version is **31.3959, 33.0309, 35.9707**.

A 20% lighter version of the original color is **56.6050, 69.7014, 59.1855**, and **11.4973, 15.6988, 11.4410** is the 20% darker color. If you saturate the color by 10%, you get **25.0475, 34.6828, 24.1661**, and if you desaturate by 10%, it is **32.2476, 38.1650, 34.8777**.

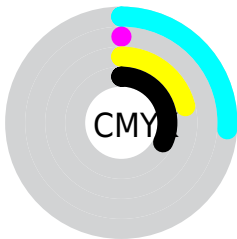
Distribution



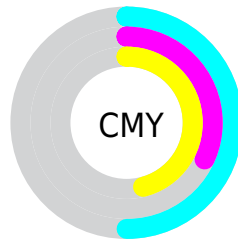
- Red (50%)
- Green (68%)
- Blue (54%)



- Red (50%)
- Yellow (65%)
- Blue (68%)



- Cyan (26%)
- Magenta (0%)
- Yellow (21%)
- Black (32%)



- Cyan (50%)
- Magenta (32%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3610, 36.2825, 29.1753 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.3610, 36.2825, 29.1753 by changing the saturation by 10% instead.

■ 28.3610, 36.2825,
29.1753

■ 28.3610, 36.2825,
29.1753

286.2368,
330.1936, 312.1280

■ 18.7398, 24.6525,
18.9668

■ 56.4649, 69.4679,
59.4010

■ 11.5853, 15.8183,
11.4697

■ 75.6783, 91.7920,
80.2552

■ 6.5322, 9.3957,
6.2656

■ 98.8199, 118.4496,
105.4951

■ 3.2150, 5.0002,
2.9358

126.2549,
149.8251, 135.5391

■ 1.2684, 2.2474,
1.0620

158.3487,
186.3028, 170.8059

■ 0.1594, 0.7456,
0.0000

195.4668,

■ 0.0000, 0.0000,

228.2672, 211.7139

0.0000

237.9743,
276.1027, 258.6818

■ 28.3610, 36.2825,
29.1753

■ 28.3610, 36.2825,
29.1753

■ 25.0475, 34.6828,
24.1661

■ 32.2476, 38.1650,
34.8777

■ 22.2767, 33.3477,
19.8213

■ 36.7297, 40.3382,
41.2960

■ 20.0202, 32.2642,
16.1137

■ 41.8323, 42.8155,
48.4544

■ 18.2454, 31.4160,
13.0133

■ 47.5780, 45.6081,
56.3758

■ 16.9161, 30.7852,
10.4874

■ 53.9881, 48.7266,
65.0817

■ 15.9906, 30.3512,
8.5006

■ 61.0832, 52.1811,
74.5929

■ 15.4157, 30.0871,
7.0130

■ 68.8827, 55.9812,
84.9294

■ 15.2418, 30.0076,
6.5479

■ 73.0848, 57.9088,
95.9083

■ 74.2343, 58.3686,
101.9614

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.9491, 36.2825, 23.2402



28.3610, 36.2825, 29.1753



27.3944, 36.2825, 38.9913

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.3610, 36.2825, 29.1753



34.3054, 36.2825, 65.6803



41.6377, 36.2825, 29.9122

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.3610, 36.2825, 29.1753



31.6548, 27.0037, 38.6674

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.7053, 36.2825, 40.0242



28.3610, 36.2825, 29.1753



38.2814, 36.2825, 61.9989

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.3610, 36.2825, 29.1753



30.6594, 36.2825, 61.3040



41.4336, 36.2825, 52.0248



38.6172, 36.2825, 23.6047

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.3610, 36.2825, 29.1753



27.7382, 36.2825, 46.9268



41.4336, 36.2825, 52.0248



42.2467, 36.2825, 32.9110

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.3620, 36.2840, 29.1761



63.9791, 71.3677, 71.4011



34.3064, 39.4200, 26.2231



13.6403, 15.3819, 15.1411



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.3620, 36.2840, 29.1761



47.3872, 63.3341, 47.1396



30.0831, 36.9725, 38.2394



7.9676, 8.9646, 8.8542



11.2138, 22.0508, 4.8995



0.3306, 0.6209, 0.2342

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.6548, 27.0037, 38.6674



54.2524, 43.9769, 66.9206



29.8551, 26.2838, 29.1902



8.2674, 8.1202, 9.7189



16.0727, 7.8916, 18.5603



0.4644, 0.2264, 0.6071

Previews

White Background



This preview shows how the XYZ color 28.3610, 36.2825, 29.1753 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.3610, 36.2825, 29.1753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3610, 36.2825, 29.1753

Background



This preview shows how black text looks on a background with the XYZ color 28.3610, 36.2825, 29.1753.



This preview shows how white text looks on a background with the XYZ color 28.3610, 36.2825,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.3610, 36.2825, 29.1753

Protanopia

33.6362, 35.7864, 26.6074

Deuteranopia

36.7038, 36.0143, 30.2163



Tritanopia

32.2103, 36.1670, 48.4633

Trichromacy



Original Color

28.3610, 36.2825, 29.1753

Protanomaly

31.2063, 35.5723, 27.4117

Deuteranomaly

32.9638, 35.6266, 29.9502

Tritanomaly

30.5617, 36.0428, 40.4681

Monochromacy



Original Color

28.3610, 36.2825, 29.1753

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.9427, 33.9985, 33.0012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3610, 36.2825, 29.1753 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(128, 173, 137)` looks like.

```
.text, #text, p{  
    color:rgb(128, 173, 137)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(128, 173, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 173, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.3610, 36.2825, 29.1753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 173, 137) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(128, 173, 137) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(128, 173, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 173, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 173, 137);  
box-shadow:4px 4px 4px 4px rgb(128, 173,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3610, 36.2825, 29.1753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 173, 137) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(128,  
173, 137) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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